

Photocircuits CORPORATION

26 August 1999

EPA-REGION II
99 SEP - 8 PM 12:03
RCRA COMP. BR.

VIA CERTIFIED MAIL R.R.R.

Mr. George Meyer, P.E.
Chief, RCRA Compliance Branch
Division of Enforcement and Compliance Assistance
U. S. Environmental Protection Agency
Region 2
290 Broadway
New York, New York 10007-1866

**Re: 10 June 1999 USEPA Hazardous Waste Compliance Inspection
Photocircuits Corporation – Glen Cove, NY Facility
EPA ID No. NYD096920483**

Dear Mr. Meyer:

Pursuant to your letter of violation dated 23 July 1999, Photocircuits Corporation ("PC") is responding, with this letter, to the items arising from the RCRA Hazardous Waste Compliance Evaluation Inspection ("CEI") conducted by Ms. Margaret Emile on 10 June 1999. I have addressed your findings in the order in which they appear in your aforementioned 23 July 1999 correspondence.

1. **Abatement of the cited requirements of 6NYCRR Part 373-3.9(e).**

As discussed during your office's inspection of the PC facility on 10 June 1999, PC does conduct routine inspections of the facility container storage area; this was confirmed in my 17 June 1999 correspondence to Ms. Margaret Emile (see copy of enclosed inspection log dated 11 June 1999 PC Doc. No. CR-FORM-01.03). To reiterate this point I have enclosed copies of the container inspection logs (including the inspection of the hazardous waste area) for the weeks ending 11 June 1999 through 27 August 1999.

2. **Abatement of the cited requirements of 6NYCRR Part 373-3.2(g)(4)(i).**

As I have previously supplied to your office in my 17 June 1999 correspondence, enclosed please find the hazardous waste management operator job descriptions for PC Department nos. 8205, 8220, and 8240. Included also is the employee roster for the covered departments. Additionally, I have included

Mr. G. Meyer
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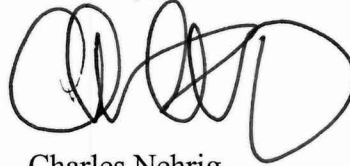
Photocircuits
CORPORATION

a copy of the job descriptions for the Environmental Compliance Department (nos. 1728 and 2109) and Department no. 8220 area management.

As requested, enclosed please find a copy of the PC RCRA/DOT training plan outline previously reviewed during the USEPA's 10 June 1999 inspection.

Should you have any additional questions or comments regarding any of the information contained in this correspondence, please feel free to contact me at 516-609-1052. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read 'Charles Nehrig', with a large, stylized loop at the end.

Charles Nehrig
Compliance Manager
Environmental, Health and Safety

Enclosures

CHEMICAL STORAGE - TANK AND EQUIPMENT INSPECTION

PHOTOCIRCUITS CORP.
CHEMICAL RESOURCES GROUP

FOR WEEK ENDING 8-27-99

SOLUTION STORED	TANK COND.	PIPE COND.	PUMP COND.	LEVEL GUAGE	LEVEL ALRM	SPILLS	COMMENTS, ACTIONS
CHEMICAL RECOVERY							
CAUSTIC - CR	OK	OK	OK	OK	OK	NONE	
AMMO ETCHANT #1	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #2	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #3	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
SPENT ELECTROLESS	✓	✓	✓	✓	✓	✓	
CuRed TREAT #1	✓	✓	✓	✓	✓	✓	
CuRed TREAT #2	✓	✓	✓	✓	✓	✓	
TREATED EDTA	✓	✓	✓	✓	✓	✓	
FLUX	✓	✓	✓	✓	✓	✓	
SCRUBBER WATER	✓	✓	✓	✓	✓	✓	
TANK FARM							
HYDROCHLORIC #1	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #1	✓	✓	✓	✓	✓	✓	
CUPRIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #3	✓	✓	✓	✓	✓	✓	
PERSULFATE #1	✓	✓	✓	✓	✓	✓	
PERSULFATE #2	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #1	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #2	✓	✓	✓	✓	✓	✓	
BLEACH #1	✓	✓	✓	✓	✓	✓	
BLEACH #2	✓	✓	✓	✓	✓	✓	
SULFURIC #1	✓	✓	✓	✓	✓	✓	
SULFURIC #2	✓	✓	✓	✓	✓	✓	
GBL CLEAN	✓	✓	✓	✓	✓	✓	
GBL DIRTY	✓	✓	✓	✓	✓	✓	
OIL	✓	✓	✓	✓	✓	✓	
CARBON DIOXIDE	✓	✓	✓	✓	✓	✓	
BUILD 2							
CAUSTIC WT	✓	✓	✓	✓	✓	✓	
SOD. HYDROSULFIDE	✓	✓	✓	✓	✓	✓	
PEROXIDE	✓	✓	✓	✓	✓	✓	
AMMONIA	✓	✓	✓	✓	✓	✓	
CHLORINE B2	✓	✓	✓	✓	✓	✓	
CHLORINE BANK A	✓	✓	N/A	✓	✓	✓	
CHLORINE BANK B	✓	✓	✓	✓	✓	✓	
BUILDING 4							
CAUSTIC B4	✓	✓	✓	✓	✓	✓	
SULFURIC ACID B4	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC B4	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
BUILDING 7							
CHLORINE B7	✓	✓	✓	✓	✓	✓	
CHLORINE BANK A	✓	✓	✓	✓	✓	✓	
CHLORINE BANK B	✓	✓	✓	✓	✓	✓	
HAZARDOUS WASTE DRUM STORAGE							
DRUM CONDITION	GOOD?	Y ✓	N				
DRUM LABEL CONDITION	GOOD?	Y ✓	N				

CHEMICAL STORAGE - TANK AND EQUIPMENT INSPECTION

PHOTOCIRCUITS CORP.
CHEMICAL RESOURCES GROUP

FOR WEEK ENDING

8.20.99

SOLUTION STORED	TANK COND.	PIPE COND.	PUMP COND.	LEVEL GAUGE	LEVEL ALARM	SPILLS	COMMENTS, ACTIONS
CHEMICAL RECOVERY							
CAUSTIC - CR	OK	OK	OK	OK	OK	None	
AMMO ETCHANT #1	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #2	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #3	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
SPENT ELECTROLESS	✓	✓	✓	✓	✓	✓	
CuRed TREAT #1	✓	✓	✓	✓	✓	✓	
CuRed TREAT #2	✓	✓	✓	✓	✓	✓	
TREATED EDTA	✓	✓	✓	✓	✓	✓	
FLUX	✓	✓	✓	✓	✓	✓	
SCRUBBER WATER	✓	✓	✓	✓	✓	✓	
TANK FARM							
HYDROCHLORIC #1	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #1	✓	✓	✓	✓	✓	✓	
CUPRIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #3	✓	✓	✓	✓	✓	✓	
PERSULFATE #1	✓	✓	✓	✓	✓	✓	
PERSULFATE #2	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #1	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #2	✓	✓	✓	✓	✓	✓	
BLEACH #1	✓	✓	✓	✓	✓	✓	
BLEACH #2	✓	✓	✓	✓	✓	✓	
SULFURIC #1	✓	✓	✓	✓	✓	✓	
SULFURIC #2	✓	✓	✓	✓	✓	✓	
GBL CLEAN	✓	✓	✓	✓	✓	✓	
GBL DIRTY	✓	✓	✓	✓	✓	✓	
OIL	✓	✓	✓	✓	✓	✓	
CARBON DIOXIDE	✓	✓	✓	✓	✓	✓	
BUILD 2							
CAUSTIC WT	✓	✓	✓	✓	✓	✓	
SOD. HYDROSULFIDE	✓	✓	✓	✓	✓	✓	
PEROXIDE	✓	✓	✓	✓	✓	✓	
AMMONIA	✓	✓	✓	✓	✓	✓	
CHLORINE B2							
CHLORINE BANK A		N/A					
CHLORINE BANK B		N/A					
BUILDING 4							
CAUSTIC B4	✓	✓	✓	✓	✓	✓	
SULFURIC ACID B4	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC B4	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
BUILDING 7							
CHLORINE B7							
CHLORINE BANK A	✓	✓	✓	✓	✓	✓	
CHLORINE BANK B	✓	✓	✓	✓	✓	✓	
HAZARDOUS WASTE DRUM STORAGE							
DRUM CONDITION	GOOD?	Y	✓	N			
DRUM LABEL CONDITION	GOOD?	Y	✓	N			

CHEMICAL STORAGE - TANK AND EQUIPMENT INSPECTION

PHOTOCIRCUITS CORP.
CHEMICAL RESOURCES GROUPFOR WEEK ENDING 8-13-99

SOLUTION STORED	TANK COND.	PIPE COND.	PUMP COND.	LEVEL GUAGE	LEVEL ALARM	SPILLS	COMMENTS, ACTIONS
CHEMICAL RECOVERY							
CAUSTIC - CR	OK	OK	OK	OK	OK	None	
AMMO ETCHANT #1	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #2	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #3	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
SPENT ELECTROLESS	✓	✓	✓	✓	✓	✓	
CuRed TREAT #1	✓	✓	✓	✓	✓	✓	
CuRed TREAT #2	✓	✓	✓	✓	✓	✓	
TREATED EDTA	✓	✓	✓	✓	✓	✓	
FLUX	✓	✓	✓	✓	✓	✓	
SCRUBBER WATER	✓	✓	✓	✓	✓	✓	
TANK FARM							
HYDROCHLORIC #1	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #1	✓	✓	✓	✓	✓	✓	
CUPRIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #3	✓	✓	✓	✓	✓	✓	
PERSULFATE #1	✓	✓	✓	✓	✓	✓	
PERSULFATE #2	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #1	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #2	✓	✓	✓	✓	✓	✓	
BLEACH #1	✓	✓	✓	✓	✓	✓	
BLEACH #2	✓	✓	✓	✓	✓	✓	
SULFURIC #1	✓	✓	✓	✓	✓	✓	
SULFURIC #2	✓	✓	✓	✓	✓	✓	
GBL CLEAN	✓	✓	✓	✓	✓	✓	
GBL DIRTY	✓	✓	✓	✓	✓	✓	
OIL	✓	✓	✓	✓	✓	✓	
CARBON DIOXIDE	✓	✓	✓	✓	✓	✓	
BUILD 2							
CAUSTIC WT	✓	✓	✓	✓	✓	✓	
SOD. HYDROSULFIDE	✓	✓	✓	✓	✓	✓	
PEROXIDE	✓	✓	✓	✓	✓	✓	
AMMONIA	✓	✓	✓	✓	✓	✓	
CHLORINE B2	✓	✓	✓	✓	✓	✓	
CHLORINE BANK A	✓	✓	✓	✓	✓	✓	
CHLORINE BANK B	✓	✓	✓	✓	✓	✓	
BUILDING 4							
CAUSTIC B4	✓	✓	✓	✓	✓	✓	
SULFURIC ACID B4	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC B4	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
BUILDING 7							
CHLORINE B7	✓	✓	✓	✓	✓	✓	
CHLORINE BANK A	✓	✓	✓	✓	✓	✓	
CHLORINE BANK B	✓	✓	✓	✓	✓	✓	
HAZARDOUS WASTE DRUM STORAGE							
DRUM CONDITION	GOOD?	Y ✓	N				
DRUM LABEL CONDITION	GOOD?	Y ✓	N				

CHEMICAL STORAGE - TANK AND EQUIPMENT INSPECTION

PHOTOCIRCUITS CORP.
CHEMICAL RESOURCES GROUP

FOR WEEK ENDING 8-6-99

SOLUTION STORED	TANK COND	PIPE COND	PUMP COND	LEVEL GAUGE	LEVEL ALARM	SPILLS	COMMENTS, ACTIONS
CHEMICAL RECOVERY							
CAUSTIC - CR	OK	OK	OK	OK	OK	NONE	
AMMO ETCHANT #1	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #2	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #3	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
SPENT ELECTROLESS	✓	✓	✓	✓	✓	✓	
CuRed TREAT #1	✓	✓	✓	✓	✓	✓	
CuRed TREAT #2	✓	✓	✓	✓	✓	✓	
TREATED EDTA	✓	✓	✓	✓	✓	✓	
FLUX	✓	✓	✓	✓	✓	✓	
SCRUBBER WATER	✓	✓	✓	✓	✓	✓	
TANK FARM							
HYDROCHLORIC #1	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #1	✓	✓	✓	✓	✓	✓	
CUPRIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #3	✓	✓	✓	✓	✓	✓	
PERSULFATE #1	✓	✓	✓	✓	✓	✓	
PERSULFATE #2	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #1	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #2	✓	✓	✓	✓	✓	✓	
BLEACH #1	✓	✓	✓	✓	✓	✓	
BLEACH #2	✓	✓	✓	✓	✓	✓	
SULFURIC #1	✓	✓	✓	✓	✓	✓	
SULFURIC #2	✓	✓	✓	✓	✓	✓	
GBL CLEAN	✓	✓	✓	✓	✓	✓	
GBL DIRTY	✓	✓	✓	✓	✓	✓	
OIL	✓	✓	✓	✓	✓	✓	
CARBON DIOXIDE	✓	✓	✓	✓	✓	✓	
BUILD 2							
CAUSTIC WT	✓	✓	✓	✓	✓	✓	
SOD. HYDROSULFIDE	✓	✓	✓	✓	✓	✓	
PEROXIDE	✓	✓	✓	✓	✓	✓	
AMMONIA	✓	✓	✓	✓	✓	✓	
CHLORINE B2	✓	✓	✓	✓	✓	✓	
CHLORINE BANK A	✓	✓	✓	✓	✓	✓	
CHLORINE BANK B	✓	✓	✓	✓	✓	✓	
BUILDING 4							
CAUSTIC B4	✓	✓	✓	✓	✓	✓	
SULFURIC ACID B4	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC B4	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
BUILDING 7							
CHLORINE B7	✓	✓	✓	✓	✓	✓	
CHLORINE BANK A	✓	✓	✓	✓	✓	✓	
CHLORINE BANK B	✓	✓	✓	✓	✓	✓	
HAZARDOUS WASTE DRUM STORAGE							
DRUM CONDITION	GOOD?	Y	✓	N			
DRUM LABEL CONDITION	GOOD?	Y	✓	N			

CHEMICAL STORAGE - TANK AND EQUIPMENT INSPECTION

PHOTOCIRCUITS CORP.
CHEMICAL RESOURCES GROUP

FOR WEEK ENDING 7-30-99

SOLUTION STORED	TANK COND.	PIPE COND.	PUMP COND.	LEVEL GAUGE	LEVEL ALARM	SPILLS	COMMENTS, ACTIONS
CHEMICAL RECOVERY							
CAUSTIC - CR	OK	OK	OK	OK	OK	WDL	
AMMO ETCHANT #1	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #2	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #3	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
SPENT ELECTROLESS	✓	✓	✓	✓	✓	✓	
CuRed TREAT #1	✓	✓	✓	✓	✓	✓	
CuRed TREAT #2	✓	✓	✓	✓	✓	✓	
TREATED EDTA	✓	✓	✓	✓	✓	✓	
FLUX	✓	✓	✓	✓	✓	✓	
SCRUBBER WATER	✓	✓	✓	✓	✓	✓	
TANK FARM							
HYDROCHLORIC #1	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #1	✓	✓	✓	✓	✓	✓	
CUPRIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #3	✓	✓	✓	✓	✓	✓	
PERSULFATE #1	✓	✓	✓	✓	✓	✓	
PERSULFATE #2	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #1	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #2	✓	✓	✓	✓	✓	✓	
BLEACH #1	✓	✓	✓	✓	✓	✓	
BLEACH #2	✓	✓	✓	✓	✓	✓	
SULFURIC #1	✓	✓	✓	✓	✓	✓	
SULFURIC #2	✓	✓	✓	✓	✓	✓	
GBL CLEAN	✓	✓	✓	✓	✓	✓	
GBL DIRTY	✓	✓	✓	✓	✓	✓	
OIL	✓	✓	✓	✓	✓	✓	
CARBON DIOXIDE	✓	✓	✓	✓	✓	✓	
BUILD 2							
CAUSTIC WT	✓	✓	✓	✓	✓	✓	
SOD. HYDROSULFIDE	✓	✓	✓	✓	✓	✓	
PEROXIDE	✓	✓	✓	✓	✓	✓	
AMMONIA	✓	✓	✓	✓	✓	✓	
CHLORINE B2	✓	✓	✓	✓	✓	✓	
CHLORINE BANK A	✓	✓	✓	✓	✓	✓	
CHLORINE BANK B	✓	✓	✓	✓	✓	✓	
BUILDING 4							
CAUSTIC B4	✓	✓	✓	✓	✓	✓	
SULFURIC ACID B4	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC B4	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
BUILDING 7							
CHLORINE B7	✓	✓	✓	✓	✓	✓	
CHLORINE BANK A	✓	✓	✓	✓	✓	✓	
CHLORINE BANK B	✓	✓	✓	✓	✓	✓	
HAZARDOUS WASTE DRUM STORAGE							
DRUM CONDITION	GOOD?	Y	N				
DRUM LABEL CONDITION	GOOD?	Y	N				

CHEMICAL STORAGE - TANK AND EQUIPMENT INSPECTION

PHOTOCIRCUITS CORP.
CHEMICAL RESOURCES GROUP

FOR WEEK ENDING 7-23-99

SOLUTION STORED	TANK COND.	PIPE COND.	PUMP COND.	LEVEL GAUGE	LEVEL ALARM	SPILLS	COMMENTS, ACTIONS
CHEMICAL RECOVERY							
CAUSTIC - CR	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #1	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #2	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #3	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
SPENT ELECTROLESS	✓	✓	✓	✓	✓	✓	
CuRed TREAT #1	✓	✓	✓	✓	✓	✓	
CuRed TREAT #2	✓	✓	✓	✓	✓	✓	
TREATED EDTA	✓	✓	✓	✓	✓	✓	
FLUX	✓	✓	✓	✓	✓	✓	
SCRUBBER WATER	✓	✓	✓	✓	✓	✓	
TANK FARM							
HYDROCHLORIC #1	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #1	✓	✓	✓	✓	✓	✓	
CUPRIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #3	✓	✓	✓	✓	✓	✓	
PERSULFATE #1	✓	✓	✓	✓	✓	✓	
PERSULFATE #2	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #1	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #2	✓	✓	✓	✓	✓	✓	
BLEACH #1	✓	✓	✓	✓	✓	✓	
BLEACH #2	✓	✓	✓	✓	✓	✓	
SULFURIC #1	✓	✓	✓	✓	✓	✓	
SULFURIC #2	✓	✓	✓	✓	✓	✓	
GBL CLEAN	✓	✓	✓	✓	✓	✓	
GBL DIRTY	✓	✓	✓	✓	✓	✓	
OIL	✓	✓	✓	✓	✓	✓	
CARBON DIOXIDE	✓	✓	✓	✓	✓	✓	
BUILD 2							
CAUSTIC WT	✓	✓	✓	✓	✓	✓	
SOD. HYDROSULFIDE	✓	✓	✓	✓	✓	✓	
PEROXIDE	✓	✓	✓	✓	✓	✓	
AMMONIA	✓	✓	✓	✓	✓	✓	
CHLORINE B2	✓	✓	✓	✓	✓	✓	
CHLORINE BANK A	✓	✓	✓	✓	✓	✓	
CHLORINE BANK B	✓	✓	✓	✓	✓	✓	
BUILDING 4							
CAUSTIC B4	✓	✓	✓	✓	✓	✓	
SULFURIC ACID B4	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC B4	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
BUILDING 7							
CHLORINE B7	✓	✓	✓	✓	✓	✓	
CHLORINE BANK A	✓	✓	✓	✓	✓	✓	
CHLORINE BANK B	✓	✓	✓	✓	✓	✓	
HAZARDOUS WASTE DRUM STORAGE							
DRUM CONDITION	GOOD?	Y	✓	N			
DRUM LABEL CONDITION	GOOD?	Y	✓	N			

CHEMICAL STORAGE - TANK AND EQUIPMENT INSPECTION

PHOTOCIRCUITS CORP.
CHEMICAL RESOURCES GROUP

FOR WEEK ENDING 7-16-99

SOLUTION STORED	TANK	PIPE	PUMP	LEVEL	LEVEL	SPILL	COMMENTS, ACTIONS
	COND.	COND.	COND.	GAUGE	ALRM		
CHEMICAL RECOVERY							
CAUSTIC - CR	✓	✓	✓	✓	✓	✓	NONE
AMMO ETCHANT #1	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #2	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #3	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
SPENT ELECTROLESS	✓	✓	✓	✓	✓	✓	
CuRed TREAT #1	✓	✓	✓	✓	✓	✓	
CuRed TREAT #2	✓	✓	✓	✓	✓	✓	
TREATED EDTA	✓	✓	✓	✓	✓	✓	
FLUX	✓	✓	✓	✓	✓	✓	
SCRUBBER WATER	✓	✓	✓	✓	✓	✓	
TANK FARM							
HYDROCHLORIC #1	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #1	✓	✓	✓	✓	✓	✓	
CUPRIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #3	✓	✓	✓	✓	✓	✓	
PERSULFATE #1	✓	✓	✓	✓	✓	✓	
PERSULFATE #2	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #1	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #2	✓	✓	✓	✓	✓	✓	
BLEACH #1	✓	✓	✓	✓	✓	✓	
BLEACH #2	✓	✓	✓	✓	✓	✓	
SULFURIC #1	✓	✓	✓	✓	✓	✓	
SULFURIC #2	✓	✓	✓	✓	✓	✓	
GBL CLEAN	✓	✓	✓	✓	✓	✓	
GBL DIRTY	✓	✓	✓	✓	✓	✓	
OIL	✓	✓	✓	✓	✓	✓	
CARBON DIOXIDE	✓	✓	✓	✓	✓	✓	
BUILD 2							
CAUSTIC WT	✓	✓	✓	✓	✓	✓	
SOD. HYDROSULFIDE	✓	✓	✓	✓	✓	✓	
PEROXIDE	✓	✓	✓	✓	✓	✓	
AMMONIA	✓	✓	✓	✓	✓	✓	
CHLORINE B2	✓	✓	✓	✓	✓	✓	
CHLORINE BANK A	✓	✓	✓	✓	✓	✓	
CHLORINE BANK B	✓	✓	✓	✓	✓	✓	
BUILDING 4							
CAUSTIC B4	✓	✓	✓	✓	✓	✓	
SULFURIC ACID B4	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC B4	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
BUILDING 7							
CHLORINE B7	✓	✓	✓	✓	✓	✓	
CHLORINE BANK A	✓	✓	✓	✓	✓	✓	
CHLORINE BANK B	✓	✓	✓	✓	✓	✓	
HAZARDOUS WASTE DRUM STORAGE							
DRUM CONDITION	GOOD?	Y	✓	N			
DRUM LABEL CONDITION	GOOD?	Y	✓	N			

CHEMICAL STORAGE - TANK AND EQUIPMENT INSPECTION

PHOTOCIRCUITS CORP.
CHEMICAL RESOURCES GROUP

FOR WEEK ENDING 7-9-99

SOLUTION STORED	TANK COND.	PIPE COND.	PUMP COND.	LEVEL GUAGE	LEVEL ALRM	SPILLS	COMMENTS ACTIONS
CHEMICAL RECOVERY							
CAUSTIC - CR	OK	OK	OK	OK	OK	NONE	
AMMO ETCHANT #1	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #2	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #3	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
SPENT ELECTROLESS	✓	✓	✓	✓	✓	✓	
CuRed TREAT #1	✓	✓	✓	✓	✓	✓	
CuRed TREAT #2	✓	✓	✓	✓	✓	✓	
TREATED EDTA	✓	✓	✓	✓	✓	✓	
FLUX	✓	✓	✓	✓	✓	✓	
SCRUBBER WATER	✓	✓	✓	✓	✓	✓	
TANK FARM							
HYDROCHLORIC #1	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #1	✓	✓	✓	✓	✓	✓	
CUPRIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #3	✓	✓	✓	✓	✓	✓	
PERSULFATE #1	✓	✓	✓	✓	✓	✓	
PERSULFATE #2	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #1	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #2	✓	✓	✓	✓	✓	✓	
BLEACH #1	✓	✓	✓	✓	✓	✓	
BLEACH #2	✓	✓	✓	✓	✓	✓	
SULFURIC #1	✓	✓	✓	✓	✓	✓	
SULFURIC #2	✓	✓	✓	✓	✓	✓	
GBL CLEAN	✓	✓	✓	✓	✓	✓	
GBL DIRTY	✓	✓	✓	✓	✓	✓	
OIL	✓	✓	✓	✓	✓	✓	
CARBON DIOXIDE	✓	✓	✓	✓	✓	✓	
BUILD 2							
CAUSTIC WT	✓	✓	✓	✓	✓	✓	
SOD. HYDROSULFIDE	✓	✓	✓	✓	✓	✓	
PEROXIDE	✓	✓	✓	✓	✓	✓	
AMMONIA	✓	✓	✓	✓	✓	✓	
CHLORINE B2	✓	✓	✓	✓	✓	✓	
CHLORINE BANK A	✓	✓	✓	✓	✓	✓	
CHLORINE BANK B	✓	✓	✓	✓	✓	✓	
BUILDING 4							
CAUSTIC B4	✓	✓	✓	✓	✓	✓	
SULFURIC ACID B4	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC B4	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
BUILDING 7							
CHLORINE B7	✓	✓	✓	✓	✓	✓	
CHLORINE BANK A	✓	✓	✓	✓	✓	✓	
CHLORINE BANK B	✓	✓	✓	✓	✓	✓	
HAZARDOUS WASTE DRUM STORAGE							
DRUM CONDITION	GOOD?	Y	✓	N			
DRUM LABEL CONDITION	GOOD?	Y	✓	N			

CHEMICAL STORAGE - TANK AND EQUIPMENT INSPECTION

PHOTOCIRCUITS CORP.
CHEMICAL RESOURCES GROUP

FOR WEEK ENDING 7-7-99

SOLUTION STORED	TANK	PIPE	PUMP	LEVEL	LEVEL	SPILLS	COMMENTS	ACTIONS
	COND.	COND.	COND.	GAUGE	ALRM			
CHEMICAL RECOVERY								
CAUSTIC - CR	OK	OK	OK	OK	OK	NO		
AMMO ETCHANT #1	✓	✓	✓	✓	✓	✓		
AMMO ETCHANT #2	✓	✓	✓	✓	✓	✓		
AMMO ETCHANT #3	✓	✓	✓	✓	✓	✓		
3350-A	✓	✓	✓	✓	✓	✓		
3350-C	✓	✓	✓	✓	✓	✓		
3350-R	✓	✓	✓	✓	✓	✓		
SPENT ELECTROLESS	✓	✓	✓	✓	✓	✓		
CuRed TREAT #1	✓	✓	✓	✓	✓	✓		
CuRed TREAT #2	✓	✓	✓	✓	✓	✓		
TREATED EDTA	✓	✓	✓	✓	✓	✓		
FLUX	✓	✓	✓	✓	✓	✓		
SCRUBBER WATER	✓	✓	✓	✓	✓	✓		
TANK FARM								
HYDROCHLORIC #1	✓	✓	✓	✓	✓	✓		
HYDROCHLORIC #2	✓	✓	✓	✓	✓	✓		
CUPRIC #1	✓	✓	✓	✓	✓	✓		
CUPRIC #2	✓	✓	✓	✓	✓	✓		
CUPRIC #3	✓	✓	✓	✓	✓	✓		
PERSULFATE #1	✓	✓	✓	✓	✓	✓		
PERSULFATE #2	✓	✓	✓	✓	✓	✓		
SPENT AMMO ETCH #1	✓	✓	✓	✓	✓	✓		
SPENT AMMO ETCH #2	✓	✓	✓	✓	✓	✓		
BLEACH #1	✓	✓	✓	✓	✓	✓		
BLEACH #2	✓	✓	✓	✓	✓	✓		
SULFURIC #1	✓	✓	✓	✓	✓	✓		
SULFURIC #2	✓	✓	✓	✓	✓	✓		
GBL CLEAN	✓	✓	✓	✓	✓	✓		
GBL DIRTY	✓	✓	✓	✓	✓	✓		
OIL	✓	✓	✓	✓	✓	✓		
CARBON DIOXIDE	✓	✓	✓	✓	✓	✓		
BUILD 2								
CAUSTIC WT	✓	✓	✓	✓	✓	✓		
SOD. HYDROSULFIDE	✓	✓	✓	✓	✓	✓		
PEROXIDE	✓	✓	✓	✓	✓	✓		
AMMONIA	✓	✓	✓	✓	✓	✓		
CHLORINE B2	✓	✓	✓	✓	✓	✓		
CHLORINE BANK A	✓	✓	✓	✓	✓	✓		
CHLORINE BANK B	✓	✓	✓	✓	✓	✓		
BUILDING 4								
CAUSTIC B4	✓	✓	✓	✓	✓	✓		
SULFURIC ACID B4	✓	✓	✓	✓	✓	✓		
HYDROCHLORIC B4	✓	✓	✓	✓	✓	✓		
3350-A	✓	✓	✓	✓	✓	✓		
3350-C	✓	✓	✓	✓	✓	✓		
3350-R	✓	✓	✓	✓	✓	✓		
BUILDING 7								
CHLORINE B7	✓	✓	✓	✓	✓	✓		
CHLORINE BANK A	✓	✓	✓	✓	✓	✓		
CHLORINE BANK B	✓	✓	✓	✓	✓	✓		
HAZARDOUS WASTE DRUM STORAGE								
DRUM CONDITION	GOOD?	Y	N					
DRUM LABEL CONDITION	GOOD?	Y	N					

CHEMICAL STORAGE - TANK AND EQUIPMENT INSPECTION

PHOTOCIRCUITS CORP.
CHEMICAL RESOURCES GROUPFOR WEEK ENDING 6/25/99

SOLUTION STORED	TANK COND.	PIPE COND.	PUMP COND.	LEVEL GAUGE	LEVEL ALARM	SPILLS	COMMENTS, ACTIONS
CHEMICAL RECOVERY							
CAUSTIC - CR	OK	OK	OK	OK	OK	OK	
AMMO ETCHANT #1	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #2	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #3	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
SPENT ELECTROLESS	✓	✓	✓	✓	✓	✓	
CuRed TREAT #1	✓	✓	✓	✓	✓	✓	
CuRed TREAT #2	✓	✓	✓	✓	✓	✓	
TREATED EDTA	✓	✓	✓	✓	✓	✓	
FLUX	✓	✓	✓	✓	✓	✓	
SCRUBBER WATER	✓	✓	✓	✓	✓	✓	
TANK FARM							
HYDROCHLORIC #1	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #1	✓	✓	✓	✓	✓	✓	
CUPRIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #3	✓	✓	✓	✓	✓	✓	
PERSULFATE #1	✓	✓	✓	✓	✓	✓	
PERSULFATE #2	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #1	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #2	✓	✓	✓	✓	✓	✓	
BLEACH #1	✓	✓	✓	✓	✓	✓	
BLEACH #2	✓	✓	✓	✓	✓	✓	
SULFURIC #1	✓	✓	✓	✓	✓	✓	
SULFURIC #2	✓	✓	✓	✓	✓	✓	
GBL CLEAN	✓	✓	✓	✓	✓	✓	
GBL DIRTY	✓	✓	✓	✓	✓	✓	
OIL	✓	✓	✓	✓	✓	✓	
CARBON DIOXIDE	✓	✓	✓	✓	✓	✓	
BUILD 2							
CAUSTIC WT	✓	✓	✓	✓	✓	✓	
SOD. HYDROSULFIDE	✓	✓	✓	✓	✓	✓	
PEROXIDE	✓	✓	✓	✓	✓	✓	
AMMONIA	✓	✓	✓	✓	✓	✓	
CHLORINE B2	✓	✓	✓	✓	✓	✓	
CHLORINE BANK A	✓	✓	✓	✓	✓	✓	
CHLORINE BANK B	✓	✓	✓	✓	✓	✓	
BUILDING 4							
CAUSTIC B4	✓	✓	✓	✓	✓	✓	
SULFURIC ACID B4	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC B4	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
BUILDING 7							
CHLORINE B7	✓	✓	✓	✓	✓	✓	
CHLORINE BANK A	✓	✓	✓	✓	✓	✓	
CHLORINE BANK B	✓	✓	✓	✓	✓	✓	
HAZARDOUS WASTE DRUM STORAGE							
DRUM CONDITION	GOOD?	Y	✓	N			
DRUM LABEL CONDITION	GOOD?	Y		N			

CHEMICAL STORAGE - TANK AND EQUIPMENT INSPECTION

PHOTOCIRCUITS CORP.
CHEMICAL RESOURCES GROUP

FOR WEEK ENDING 6-10-99

SOLUTION STORED	TANK COND.	PIPE COND.	PUMP COND.	LEVEL GAUGE	LEVEL ALARM	SPILLS	COMMENTS, ACTIONS
CHEMICAL RECOVERY							
CAUSTIC - CR	OK	OK	OK	OK	OK	OK	
AMMO ETCHANT #1	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #2	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #3	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
SPENT ELECTROLESS	✓	✓	✓	✓	✓	✓	
CuRed TREAT #1	✓	✓	✓	✓	✓	✓	
CuRed TREAT #2	✓	✓	✓	✓	✓	✓	
TREATED EDTA	✓	✓	✓	✓	✓	✓	
FLUX	✓	✓	✓	✓	✓	✓	
SCRUBBER WATER	✓	✓	✓	✓	✓	✓	
TANK FARM							
HYDROCHLORIC #1	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #1	✓	✓	✓	✓	✓	✓	
CUPRIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #3	✓	✓	✓	✓	✓	✓	
PERSULFATE #1	✓	✓	✓	✓	✓	✓	
PERSULFATE #2	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #1	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #2	✓	✓	✓	✓	✓	✓	
BLEACH #1	✓	✓	✓	✓	✓	✓	
BLEACH #2	✓	✓	✓	✓	✓	✓	
SULFURIC #1	✓	✓	✓	✓	✓	✓	
SULFURIC #2	✓	✓	✓	✓	✓	✓	
GBL CLEAN	✓	✓	✓	✓	✓	✓	
GBL DIRTY	✓	✓	✓	✓	✓	✓	
OIL	✓	✓	✓	✓	✓	✓	
CARBON DIOXIDE	✓	✓	✓	✓	✓	✓	
BUILD 2							
CAUSTIC WT	✓	✓	✓	✓	✓	✓	
SOD. HYDROSULFIDE	✓	✓	✓	✓	✓	✓	
PEROXIDE	✓	✓	✓	✓	✓	✓	
AMMONIA	✓	✓	✓	✓	✓	✓	
CHLORINE B2	✓	✓	✓	✓	✓	✓	
CHLORINE BANK A	✓	✓	✓	✓	✓	✓	
CHLORINE BANK B	✓	✓	✓	✓	✓	✓	
BUILDING 4							
CAUSTIC B4	✓	✓	✓	✓	✓	✓	
SULFURIC ACID B4	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC B4	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
BUILDING 7							
CHLORINE B7	✓	✓	✓	✓	✓	✓	
CHLORINE BANK A	✓	✓	✓	✓	✓	✓	
CHLORINE BANK B	✓	✓	✓	✓	✓	✓	
HAZARDOUS WASTE DRUM STORAGE							
DRUM CONDITION	GOOD?	Y	N				
DRUM LABEL CONDITION	GOOD?	Y	N				

CHEMICAL STORAGE - TANK AND EQUIPMENT INSPECTION

PHOTOCIRCUITS CORP.
CHEMICAL RESOURCES GROUPFOR WEEK ENDING 6-11-99

SOLUTION STORED	TANK COND.	PIPE COND.	PUMP COND.	LEVEL GUAGE	LEVEL ALRM	SPILLS	COMMENTS, ACTIONS
CHEMICAL RECOVERY							
CAUSTIC - CR	OK	OK	OK	OK	OK	None	
AMMO ETCHANT #1	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #2	✓	✓	✓	✓	✓	✓	
AMMO ETCHANT #3	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
SPENT ELECTROLESS	✓	✓	✓	✓	✓	✓	
CuRed TREAT #1	✓	✓	✓	✓	✓	✓	
CuRed TREAT #2	✓	✓	✓	✓	✓	✓	
TREATED EDTA	✓	✓	✓	✓	✓	✓	
FLUX	✓	✓	✓	✓	✓	✓	
SCRUBBER WATER	✓	✓	✓	✓	✓	✓	
TANK FARM							
HYDROCHLORIC #1	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #1	✓	✓	✓	✓	✓	✓	
CUPRIC #2	✓	✓	✓	✓	✓	✓	
CUPRIC #3	✓	✓	✓	✓	✓	✓	
PERSULFATE #1	✓	✓	✓	✓	✓	✓	
PERSULFATE #2	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #1	✓	✓	✓	✓	✓	✓	
SPENT AMMO ETCH #2	✓	✓	✓	✓	✓	✓	
BLEACH #1	✓	✓	✓	✓	✓	✓	
BLEACH #2	✓	✓	✓	✓	✓	✓	
SULFURIC #1	✓	✓	✓	✓	✓	✓	
SULFURIC #2	✓	✓	✓	✓	✓	✓	
GBL CLEAN	✓	✓	✓	✓	✓	✓	
GBL DIRTY	✓	✓	✓	✓	✓	✓	
OIL	✓	✓	✓	✓	✓	✓	
CARBON DIOXIDE	✓	✓	✓	✓	✓	✓	
BUILD 2							
CAUSTIC WT	✓	✓	✓	✓	✓	✓	
SOD. HYDROSULFIDE	✓	✓	✓	✓	✓	✓	
PEROXIDE	✓	✓	✓	✓	✓	✓	
AMMONIA	✓	✓	✓	✓	✓	✓	
CHLORINE B2	✓	✓	✓	✓	✓	✓	
CHLORINE BANK A	✓	✓	✓	✓	✓	✓	
CHLORINE BANK B	✓	✓	✓	✓	✓	✓	
BUILDING 4							
CAUSTIC B4	✓	✓	✓	✓	✓	✓	
SULFURIC ACID B4	✓	✓	✓	✓	✓	✓	
HYDROCHLORIC B4	✓	✓	✓	✓	✓	✓	
3350-A	✓	✓	✓	✓	✓	✓	
3350-C	✓	✓	✓	✓	✓	✓	
3350-R	✓	✓	✓	✓	✓	✓	
BUILDING 7							
CHLORINE B7	✓	✓	✓	✓	✓	✓	
CHLORINE BANK A	✓	✓	✓	✓	✓	✓	
CHLORINE BANK B	✓	✓	✓	✓	✓	✓	
HAZARDOUS WASTE DRUM STORAGE							
DRUM CONDITION	GOOD?	Y	N				
DRUM LABEL CONDITION	GOOD?	Y	N				

Photocircuits Corporation, Glen Cove, NY
Hazardous Waste Operations Job Descriptions
Departments Nos. 8205, 8220 and 8240

Job Title: Chemical Process Technician
Chemical Process Technician Lead (senior position)
Chemical Process Operator
Chemical Process Operator Lead (senior position)

Job Description: -Operate a non-hazardous industrial waste water treatment facility that generates compliant wastewater and F006 sludge.
-Package, label and make ready for transportation all F006 sludge.
-Operate analytical equipment and visual observation to determine plant performance.
-Performance basic wet-chemistry reactions.
-Make up and maintain an inventory of manufacturing chemistries.
-Perform routine batch treatment operations.

Job Title: Tank Maintenance Operator
Tank Maintenance Operator Lead (senior position)

Job Description: -Perform transfer, packaging, labeling and transport of industrial hazardous wastes to make ready for off-site transportation.
-Make up and maintain an inventory or manufacturing chemistries.
-Perform routine batch treatment operations.

Job Title: Chemical Operations Manager

Job Description: -Management of the job description in departments Nos. 8205, 8220 and 8240.

EMPLOYEE LIST FOR DEPT. 8205, 8220 & 8240							
Last name	First name	Clock #	Dep.#	Home Phone #	SHIFT	Job Discription	
CALDERON	HUGO	15229	8205		1	Tank Maintenance operator	
MANNO	LIBERINO	5721	8205		1	Chemical technician Lead	
PATINDOL	JESSIE	18909	8205		1	Chemical process equipment operator	
BOODRAM	CLINTON	15295	8220		1	Chemical technician	
CAYA	DIMAS	6701	8220		1	Tank Maintenance operator	
CONTRERAS	FRANKLIN	15166	8220		1	Tank Maintenance operator	
GARCIA	VICTOR	13171	8220		1	Chemical technician lead	
D'ONOFRIO	MATTHEW	18777	8220		1	Tank Maintenance operator	
PUERTAS	ROSENDO	11872	8220		1	Tank Maintenance operator	
RAMPERSAD	SHIVA	16207	8220		1	Tank Maintenance operator	
WHITE	LARRY	404	8220		1	Chemical technician	
GONZALES	BIELMAN	15498	8220		1	Tank Maintenance operator	
RUIZ	NORMAN	16145	8220		1	Tank Maintenance operator	
LIBRETTI	PETER	4171	8220		2	Chemical technician lead	
LUNA	EFFRAIN	14126	8220		2	Tank Maintenance operator	
ORTEGA	RAFAEL	16157	8220		2	Tank Maintenance operator	
MESQUITA	GRAMBELL	17423	8220		2	Tank Maintenance operator	
TYNAN	MARK	11718	8220		2	Chemical technician	
FRIAS	JOSE	17581	8220		2	Tank Maintenance operator	
BAILEY	ROY	15442	8220		3	Tank Maintenance operator	
BECKETT	RICHARD	12895	8220		3	Tank Maintenance operator	
CAESAR-QUAYE	PETER	10096	8220		3	Tank Maintenance operator	
RABANAL	HECTOR	9203	8220		3	Chemical technician lead	
SUAREZ	GIANCARLO	16073	8220		3	Tank Maintenance operator	
MORRA	T	13910	8240		1	Chemical process equipment operator	
VARGAS	K	14135	8240		1	Chemical Process Technician	
LONGACRE	K	14558	8240		1	Chemical Process Operator Lead	
SERRANO	J	15054	8240		1	Chemical Process Operator	
ROSSAN	E	15353	8240		2	Chemical Process Operator	
LOW	W	15367	8240		3	Chemical Process Operator	
BHAGWANDEEN	K	15466	8240		1	Chemical Process Operator	
LUTZ	R	15529	8240		3	Chemical Process Operator Lead	
PEMBERTON	W	18727	8240		2	Chemical Process Operator	
REMY	B	13196	8240		2	Chemical Process Operator	
NARINE	J	15882	8240		3	Chemical Process Operator	
DEOSARIN	S	11790	8240		3	Chemical Process Operator	
MCINTOSH	M	15579	8240		1	Chemical Process Operator	

Photocircuits Corporation, Glen Cove, NY
Hazardous Waste Operations Job Descriptions
Departments No. 2109 and 1727

Job Title: Environmental Compliance Engineering Technician - Russell Smith
Environmental Compliance Engineer - James Hadley

Job Description: -Review waste handling procedures for all generation, packaging, labeling, transportation and disposal of hazardous wastes.
-Prepare and maintain all hazardous waste manifests, land disposal restriction documentation and bill of lading documentation.
-Prepare and submit all regulatory compliance reports.

Job Title: Compliance Manager, Environmental, Health and Safety – Charles Nehrig

Job Description: -Management of the Environmental Compliance Engineering Technician and Environmental Compliance Engineer.
-Ensure Company hazardous waste generation and disposal due-diligence.

PHOTOCIRCUITS CORPORATION

RCRA/DOT Training Plan

- 1) Who must be trained?
 - a) All operations and management personnel involved in the handling and shipment of RCRA hazardous wastes.
- 2) RCRA
 - a) Established by EPA: Applicable regulations:
 - i) 40 CFR Section 262.34 (All generators)
 - ii) 40 CFR Section 264.16 (TSDFs)
 - iii) 40 CFR Section 265.16 (Interim TSDFs and LQGs)
 - b) Purposes:
 - i) Track hazardous waste from inception to ultimate disposal.
 - (1) Cradle to Grave
 - (2) Liability
 - ii) Reduce generation of haz. waste:
 - iii) Use/reuse
 - (1) Cupric Etchant – how this protects us from liability.
 - (2) Reduces costs
 - (a) Taxes, fees, transport costs, etc...
- 3) Define Hazardous Material, Hazardous Substance, Hazardous Waste
- 4) Examples:
 - a) Products
 - b) Regularly generated waste
 - c) Occasional generated waste
 - d) How and when products become wastes
- 5) RCRA – Applicability to PC
 - a) Applicability – We are a LQG
 - i) Accumulate > 1000 KG or 2200 lbs of hazardous waste in a month
 - ii) As opposed to a SQG: $100 < x < 1000$ KG of waste in a month
 - (1) Far less regulatory requirements, 180 days of storage
 - iii) LQG means we are under a number of requirements such as training, manifesting, reporting, 90 day storage, etc...
 - b) Hazardous waste vrs. Solid Waste
 - i) Define Solid Waste
 - (1) Any material which we will use in a manner constituting disposal.
 - (2) Liquid, Solid, Gas
 - ii) Define Hazardous Waste: A solid waste which meets one of the two criterion:
 - (1) Listed
 - (2) Characteristic
 - (a) Ignitable, FP < 140°F (D001)
 - (b) Corrosive pH < 2, pH > 12.5 (D002)

- (c) Reactive (D003)
 - (i) Unstable, readily undergoes violent change without detonating.
 - (ii) When in the presence of water, the following occurs: violent reaction, potential explosion, generates toxic gases, vapors or fumes in dangerous quantity, etc...
 - (d) Toxic
 - (i) Waste contains levels of contaminants that are over the prescribed limits.
 - c) What if someone brings you a drum of an unknown material?
 - i) Is it a waste?
 - ii) Is it a hazardous waste?
- 6) Shipping Requirements
 - a) Manifests – Required info.
 - b) Ship to properly permitted TSD (define), by the licensed hauler. Both will have EPA ID#'s.
- 7) Drum/Storage Requirements
 - a) Drums, closed except for when emptying and filling
 - b) Label example
 - c) Required info:
 - i) “Hazardous Waste”, chemical name, generation date of waste.
 - ii) Hazardous waste stored only in haz waste storage area
 - iii) Satellite Accumulation
 - (1) Up to one drum of haz. waste, or one quart of acutely haz. waste can be stored near point of generation, and not be subject to the regulations in this part as long as the container is under operator control, is marked with words “hazardous waste”, and name of contents of container.
 - (2) If more then one drum, then we have three days to move the container to haz. waste storage. The drum at this point must be properly labeled.
- 8) Transportation
 - a) Department of Transportation (DOT)
 - (1) Purpose: Protect human health and environment from accidents caused by the unsafe transport of hazardous materials.
 - (2) Liability – trucks that spill in route, or that are leaking.
 - (3) Trucks do NOT leave our facility leaking.
 - b) Applicability of DOT
 - (1) Applies to public roads, including parking lots.
 - (2) “Wheels can’t turn”
 - (3) Applicable to shipments between Main Building and Hazel Street, as well as any shipments between NY and Atlanta.
 - (4) Applies to all “hazardous materials”
 - (5) Includes substances (chemical products) and hazardous wastes.

- 9) Safety
 - a) Dangers associated with haz. waste
 - i) Go over health risks with the four characteristic wastes.
 - ii) Wearing PPE
 - iii) Routes of entry: Ingestion, breathing, skin contact, eye contact
 - iv) It is your responsibility to handle waste safely.
 - b) Review the Photocircuits Corporation Contingency Plan/ERP
 - c) Emergency spill procedures
 - i) Call #666
 - ii) Leave area unless trained to clean up
 - iii) Notification of incident.